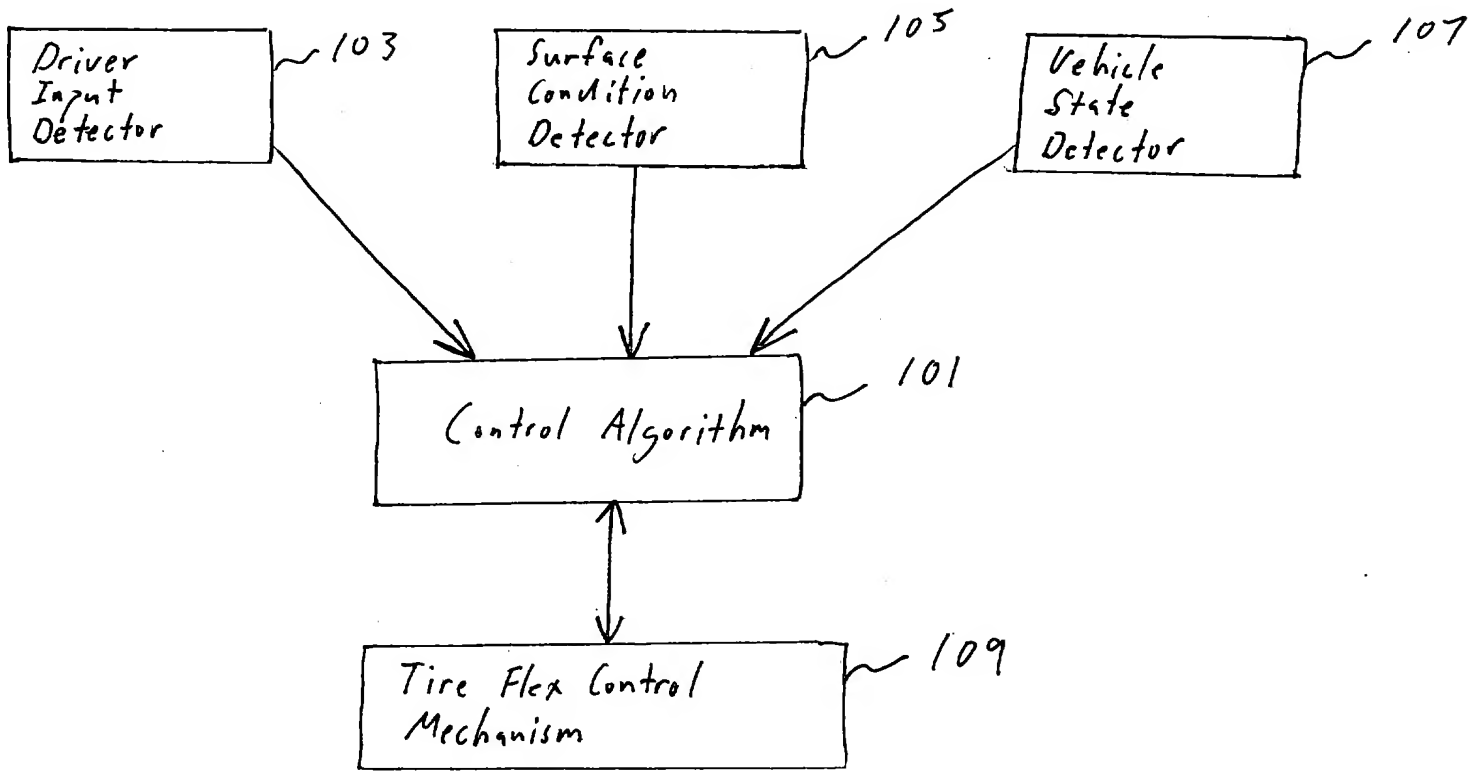
Driver Input Detector
103
Surface Condition Detector
105
Vehicle State Detector
107
Control Algorithm
101
Tire Flex Control Mechanism
109

Fig. 1

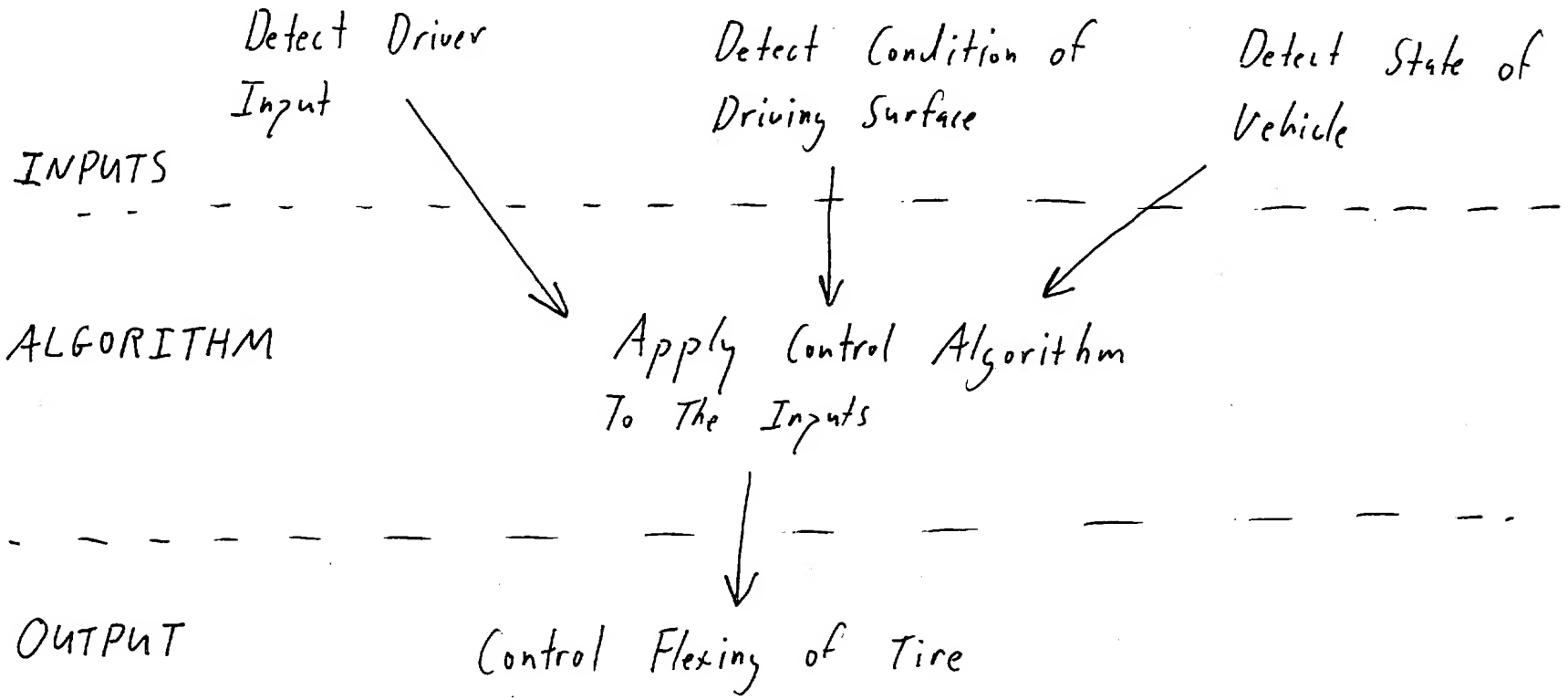
Detect Driver Input
Detect Condition of Driving Surface
Detect State of Vehicle
INPUTS
ALGORITHM
Apply Control Algorithm To The Inputs
OUTPUT
Control Flexing of Tire

Fig. 2

Fig. 3A

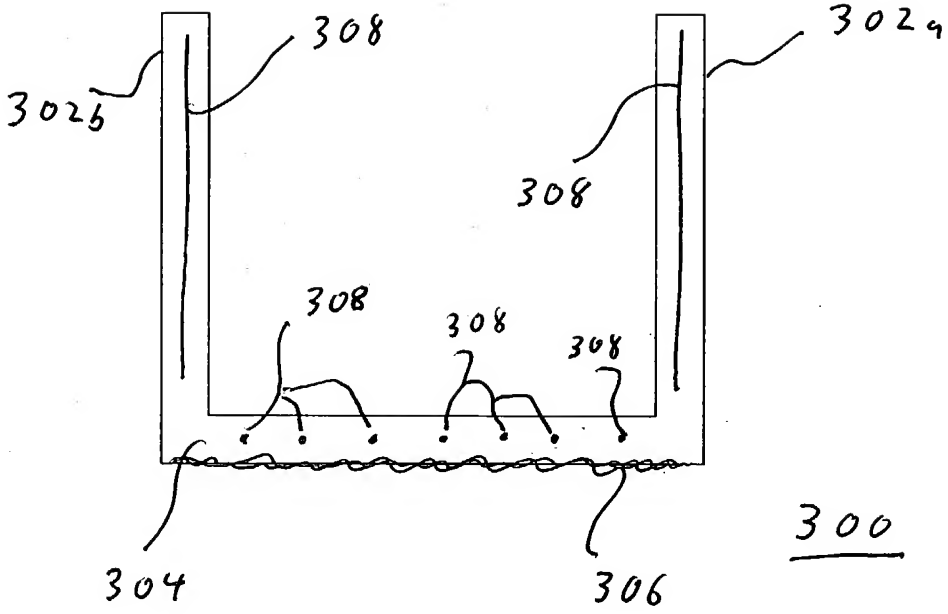

Fig. 3B

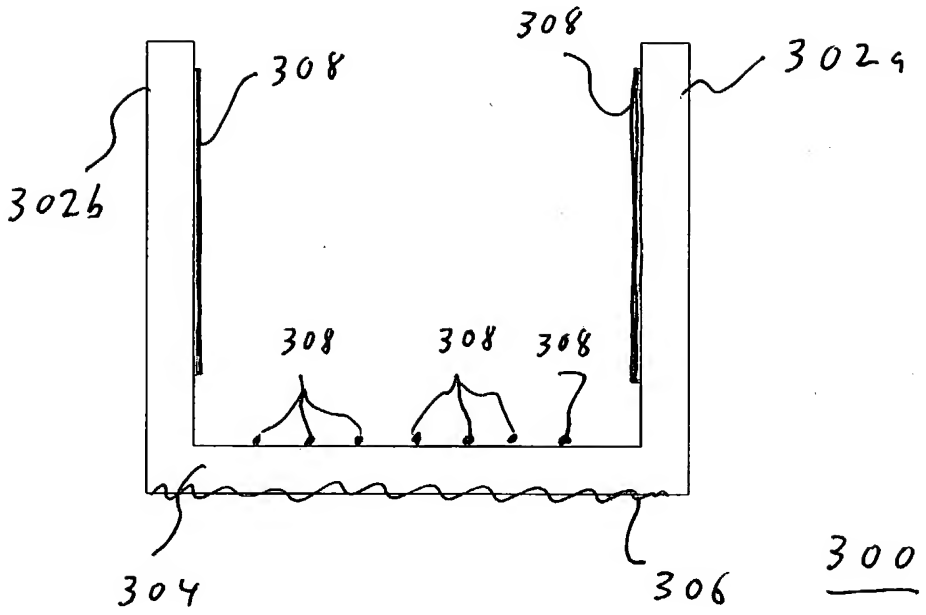

Fig. 3C

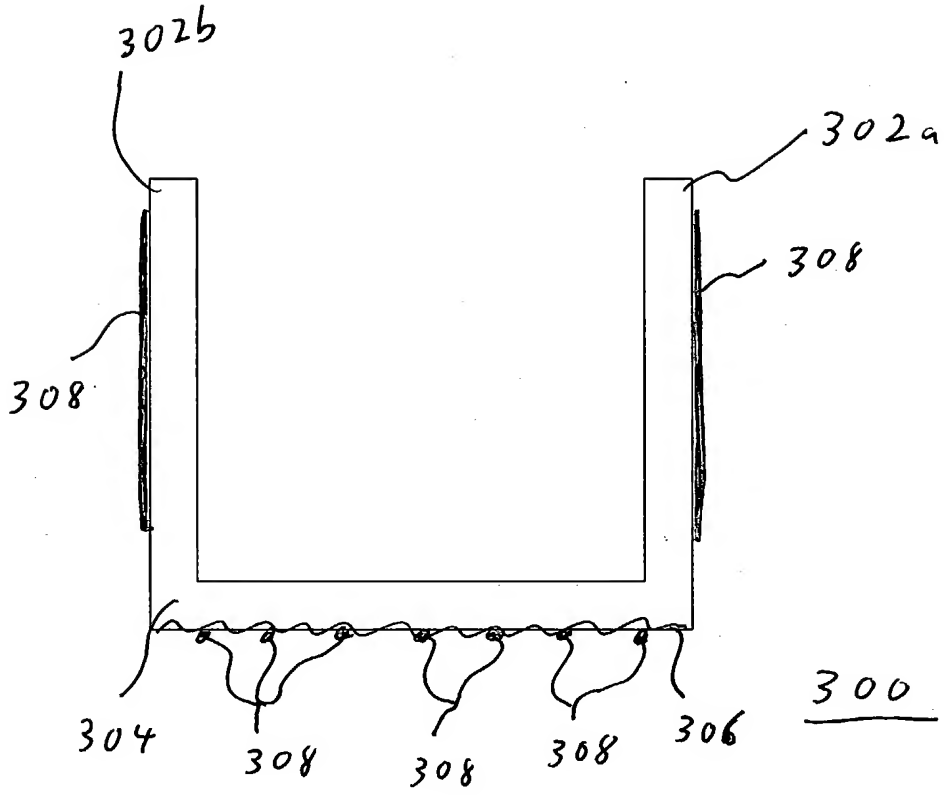

Fig. 4A

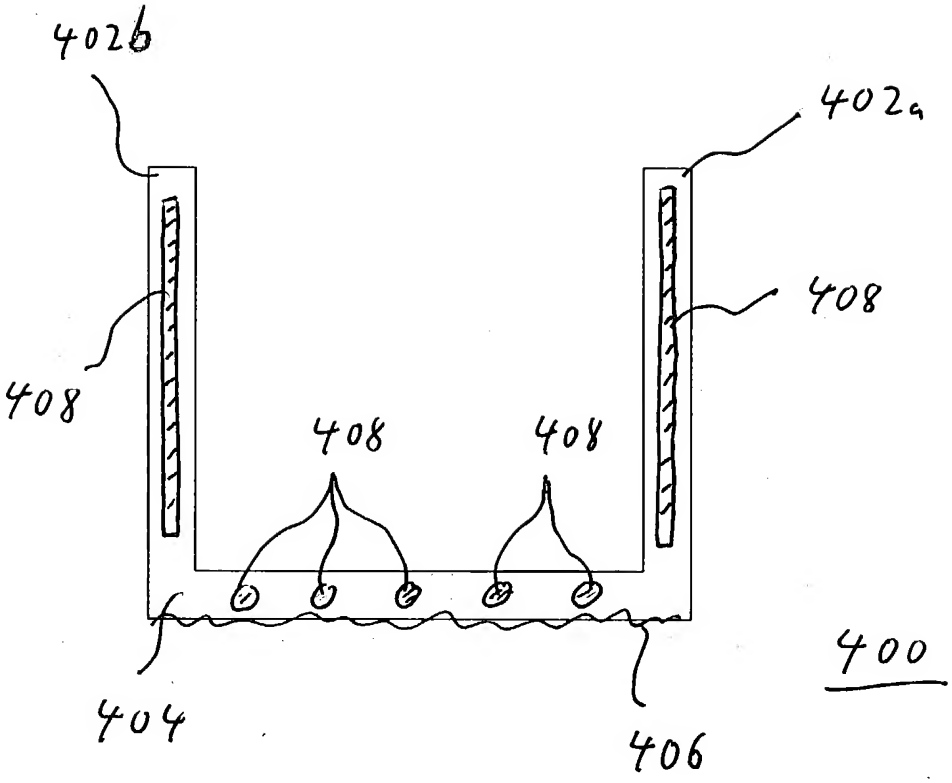

Fig. 4B

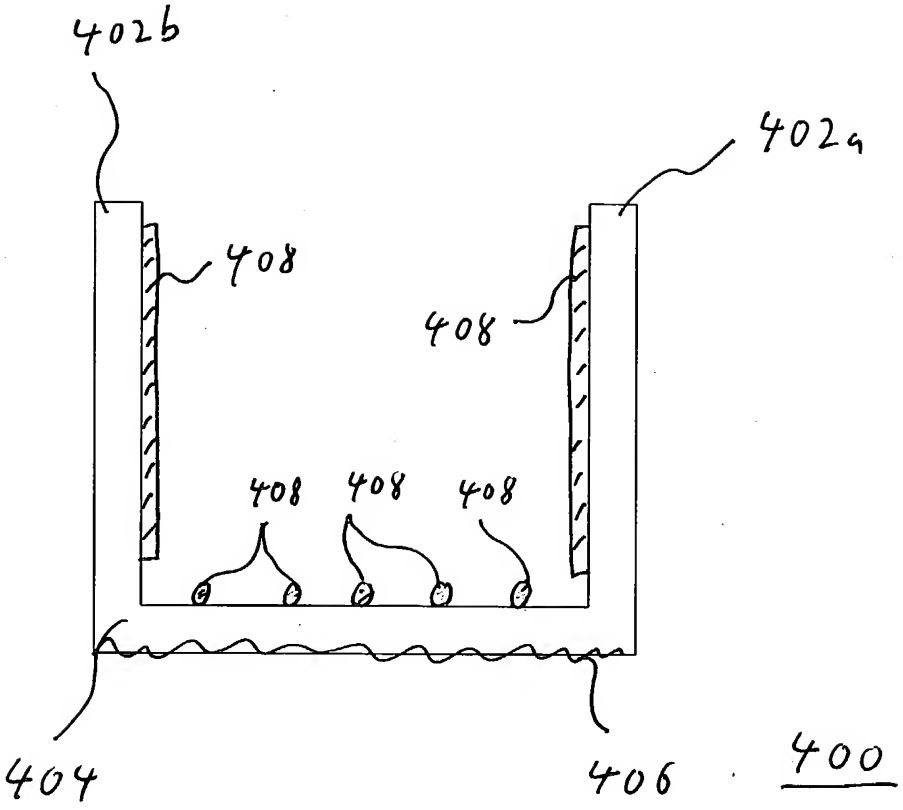

Fig. 4C

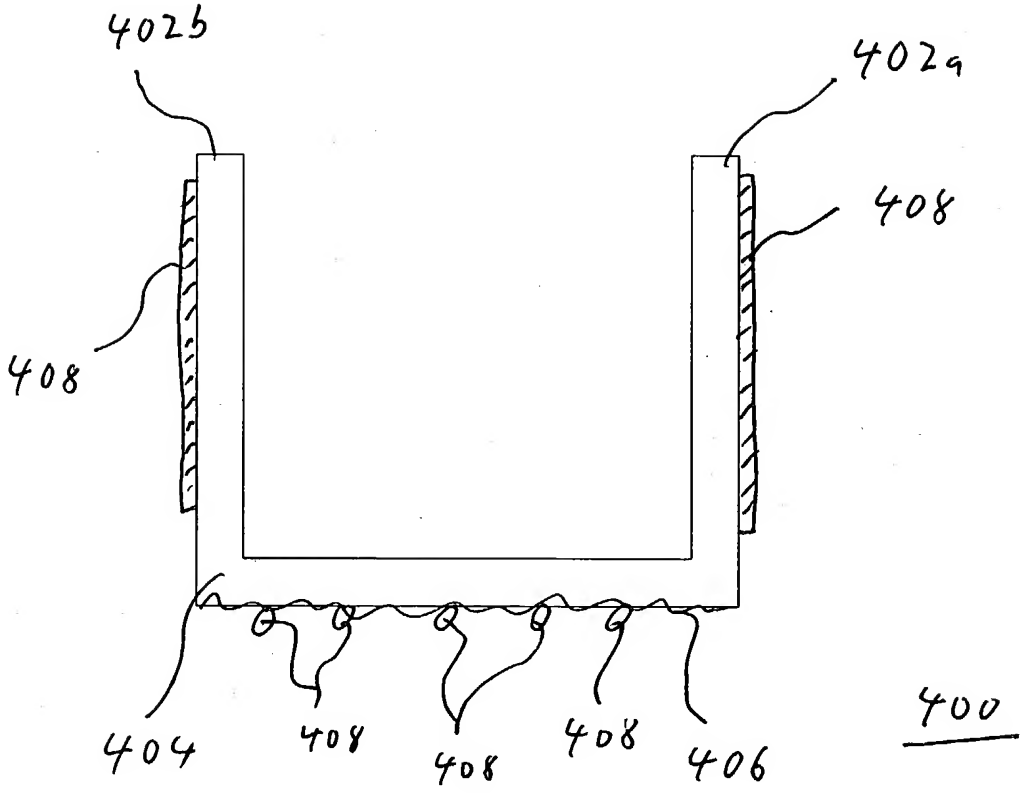

Fig. 5A

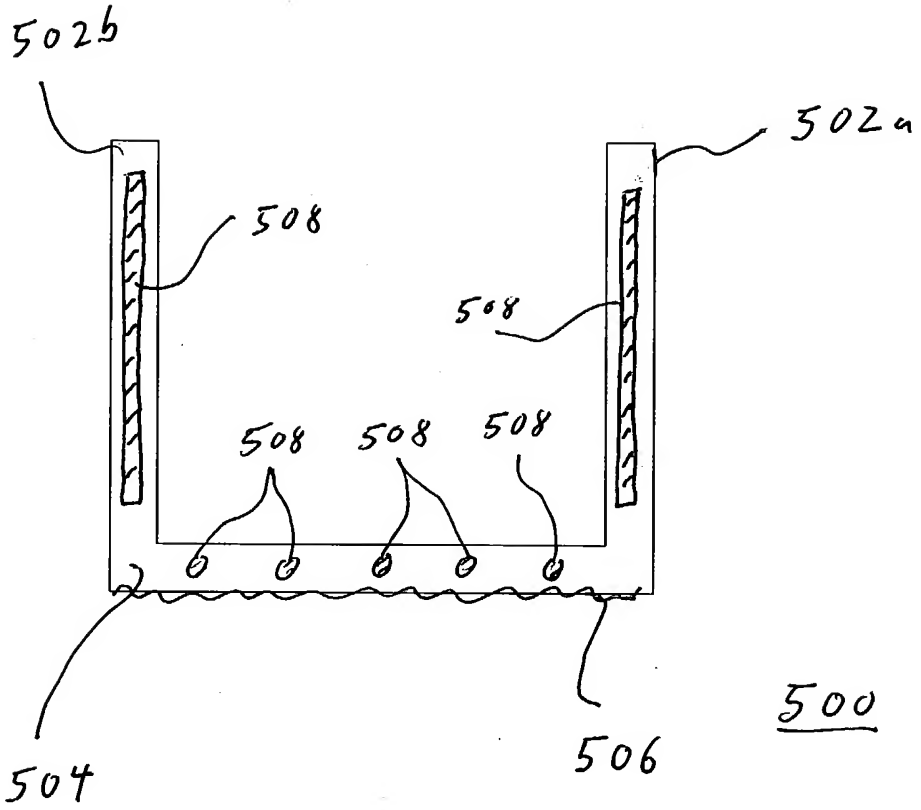

Fig. 5B

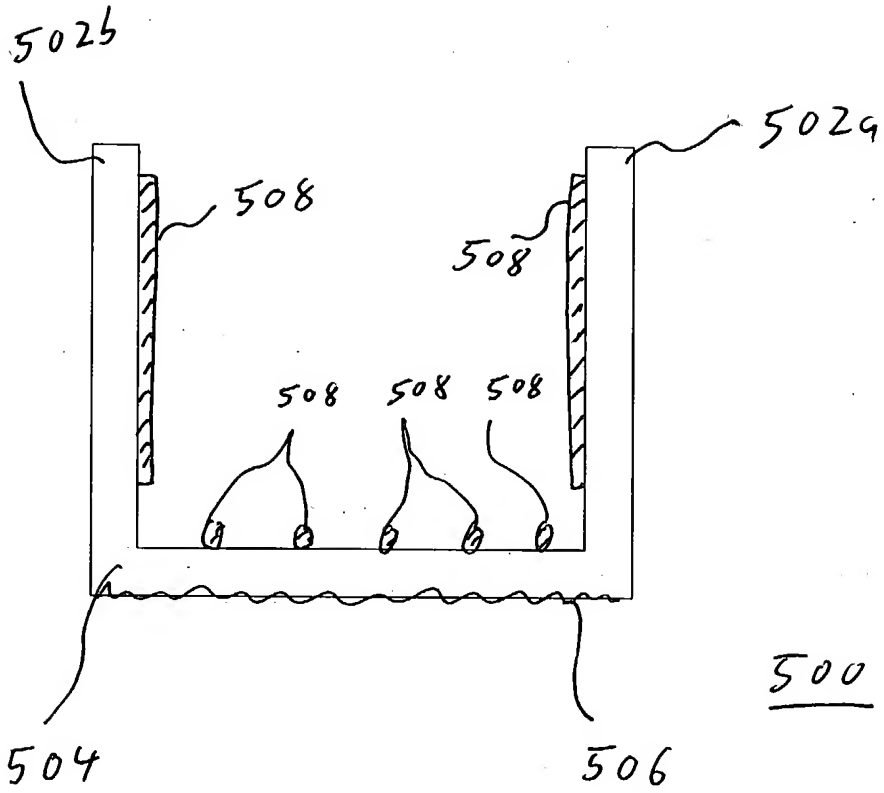
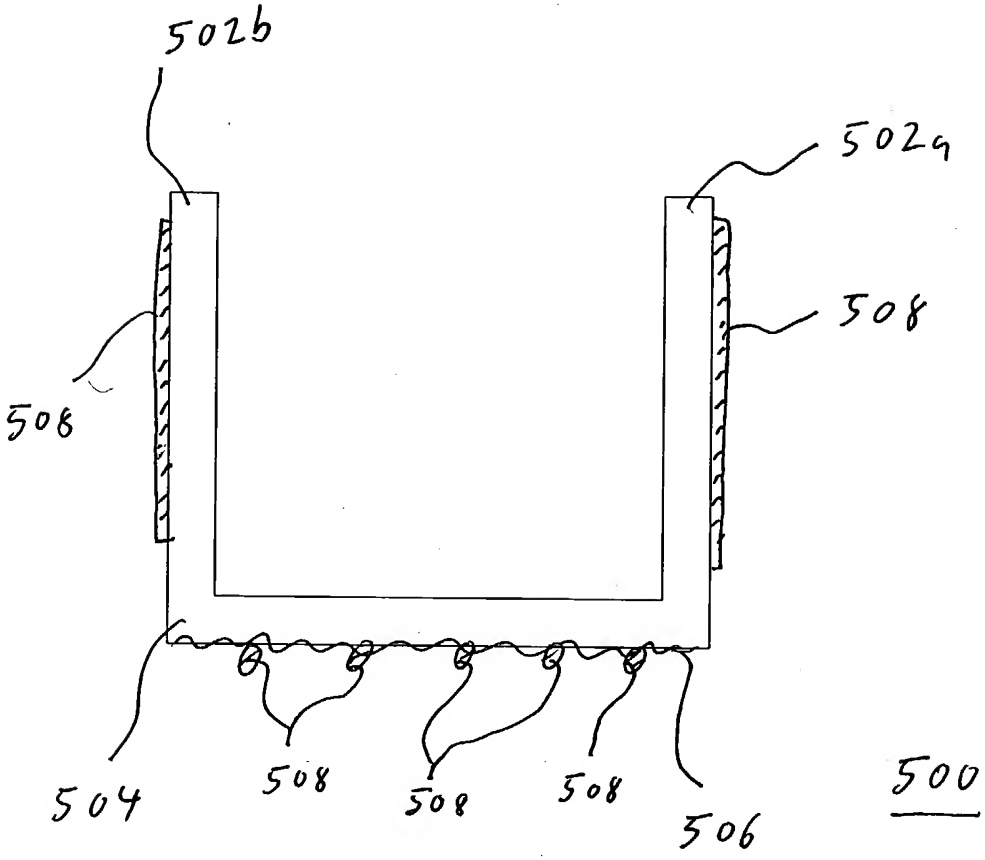
Fig. 5C